

AMENDMENTS TO THE DRAWINGS

Attached are four replacement drawing sheets showing the changes made to Figs. 2-5 for review and approval by the Examiner.

Attachments: 4 Replacement Sheets

REMARKS

I. Status of the Claims and the Rejections

The amendments to the claims and Abstract dated December 22, 2010 were objected to under 35 U.S.C. § 132 for allegedly adding new matter to the disclosure. The Oath and Declaration originally filed with the application was also objected to as a result of the alleged new claimed subject matter.

More particularly, claims 22, 23, 27, 29-31, 33-37, and 39-42 were rejected under 35 U.S.C. § 112, first paragraph, as allegedly failing to comply with the written description requirement. Each of these claims was also rejected under 35 U.S.C. § 112, second paragraph, for alleged indefiniteness. Applicants have amended claims 22, 23, 29, 30, 33-37, and 40-42 to address each of these issues, as explained in further detail below.

Applicants have also amended the Abstract to remove the language objected to in the Office Action. Applicants respectfully request that the objections to the Abstract be withdrawn.

Applicants have also amended the specification and drawings to include the operating status detecting arrangement as recited in original claim 30. These amendments are fully supported in original claim 30 and in the original specification at the paragraph that begins at page 8, line 7. Applicants respectfully request that the amendments to the specification and the drawings be entered.

II. Claims 22, 23, 27, 29-31, 33-37, and 39-42 Comply with Section 112 Requirements

A. Written Description

Independent claim 22 recites a device for temperature control in an aircraft cabin including a first temperature area. The Office Action objected to the previous addition of the

valve arrangement being controlled based solely on a specified first temperature, the first pressure control controlling a pressure based on detected pressure, and the first pressure control only operating when the valve arrangement fails. Each of these claim elements has been amended to remove the objectionable language and in accordance with the original specification.

For example, claim 22 now recites that the valve arrangement "controls the supply of heated air into the first temperature area such that a specified first temperature for the first temperature area is achieved." This is fully supported in the original specification at the paragraph that begins at page 10, line 13.

Claim 22 now recites that the first pressure control arrangement controls "the pressure of heated air supplied into the first temperature area such that the specified first temperature for the first temperature area is achieved." This is fully supported in the original specification at the paragraph that begins at page 12, line 4.

Claim 22 now also recites that the first pressure control arrangement "operates to control the pressure of heated air when the valve arrangement of the first supply control arrangement fails." This is fully supported in the original specification at the paragraph that begins at page 11, line 33.

Similar to claim 22, dependent claim 23 was rejected for similar recitations regarding the valve arrangement and the first pressure control arrangement. Claim 23 has been amended in accordance with the amendments made to claim 22 above and these amendments are fully supported in the original specification at the paragraphs listed above.

Claim 30 was rejected for reciting that a controller detects a non-functioning operational status of the valve arrangement. Claim 30 has been amended to recite that an operating status detecting arrangement detects a non-functioning operational status of the valve

arrangement. This is fully supported in the original specification at the paragraph that begins at page 8, line 7.

Claim 31 was rejected for reciting that a pressure detecting arrangement is disposed in the air duct (Office Action, page 3). Applicants respectfully disagree because the original specification states that "for the purpose of pressure detecting, in the air duct 180 and 182 pressure sensors 177 and 179 are provided." Page 14, lines 12-14. Consequently, this rejection of claim 31 is deficient.

Claim 33 was rejected for reciting that a shut-off arrangement prevents airflow in an upstream direction to the first source rather than to the pressure control arrangement as originally claimed. Applicants have amended claim 33 as suggested in the Office Action to overcome this rejection. This is fully supported in the original specification at claim 33.

With reference to method claims 34-37, the steps of controlling the supply of heated air based solely on a specified first temperature and controlling the supply of heated air based on a detected pressure were objected to as allegedly containing new matter. Thus, these steps have been amended to remove the objectionable language and in accordance with the original specification.

For example, claim 34 now recites controlling a supply of heated air with a valve arrangement "controlled such that a specified first temperature for the first temperature area is achieved." This is fully supported in the original specification at the paragraph that begins at page 10, line 13. In another example, claim 34 now recites controlling a pressure of heated air with a pressure control arrangement "such that the specified first temperature for the first temperature area is achieved when the valve arrangement fails." This is fully supported in the original specification at the paragraphs that begin at page 11, line 33 and at page 12, line 4.

Claim 40 was rejected for reciting that a controller monitors the valve arrangement. Claim 40 has been amended to remove the controller and therefore overcomes the written description rejection.

Claim 41 was rejected for reciting detecting the pressure in the air duct (Office Action, page 4). Applicants respectfully disagree because the original specification states that "for the purpose of pressure detecting, in the air duct 180 and 182 pressure sensors 177 and 179 are provided." Page 14, lines 12-14. Consequently, this rejection of claim 41 is deficient.

For at least these reasons, applicants respectfully submit that each of the pending claims comply with the written description requirement and does not contain new matter. Applicants respectfully request that the Section 112, first paragraph rejections of claims 22, 23, 27, 29-31, 33-37, and 39-42 be withdrawn.

B. Indefiniteness

Independent claim 22 was rejected for alleged indefiniteness for the inclusion of the term "proximate." Applicants have amended claim 22 to recite that the valve arrangement is "disposed at the air outlet." This is fully supported in the original specification at the paragraph that begins at page 7, line 28. Applicants respectfully request that the Section 112, second paragraph rejections of claims 22, 23, 27, 29-31, 33-37, and 39-42 be withdrawn.

III. Claims 22, 23, 27, 29-31, 33-37, and 39-42 are Allowable

Applicants appreciate the indication in the Office Action that all pending claims were allowable over the previously-cited art, specifically UK Patent No. 1383705 ("GB '705"). Despite the amendments described above to overcome the Section 112 rejections, independent claims 22 and 34 (and all claims depending from claims 22 and 34) remain allowable over GB '705 because GB '705 fails to disclose pressure-based control of temperature in a temperature

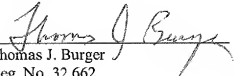
area of an aircraft, or multiple types of control. Consequently, applicants respectfully request that claims 22, 23, 27, 29-31, 33-37, and 39-42 be allowed.

IV. Conclusion

Based on the amendments to the claims and these remarks, applicants respectfully assert that all present claims are in condition for allowance, and respectfully requests an allowance without further delay.

Applicants believe that no fee is due for this filing. But if the USPTO disagrees, please consider this as an authorization to charge Deposit Account 23-3000.

Respectfully submitted,



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